



Boscolastic

FLEXIBLE CEMENTITIOUS WATERPROOFING

DESCRIPTION

Boscolastic is a 2-component flexible cementitious waterproofing that is mixed on site and resurfaced on concrete and other construction materials. Boscolastic has excellent weathering resistance and crack bridging property.

FEATURES AND BENEFITS

- Flexible, can bridge over cracks
- Can be tiled over
- Ability to withstand heavy topping without fracture
- Applicable on damp walls and floors
- Can be painted over

RECOMMENDED USES

- Concrete water tanks (SS 375)
- Bathrooms, balconies, terraces
- Swimming pools and pool decks
- Water features and ponds
- Planter boxes, canopies
- As a bond coat before screeding and plantering

APPLICATION PROCEDURE

The mixed Boscolastic can be applied onto the prepared substrate using a bristle or paint brush. The concrete substrates must be dampened or saturated with water prior to applying Boscolastic waterproofing. The application shall be done at two coats. The 2nd coat in a direction perpendicular to the 1st coat. Leave the 1st coat to set between 1 to 2 hours before applying the 2nd coat. If the 1st coat is left overnight, the surface must be dampened before subsequent applications.

Surface Preparation

All substrates must be sound and free from dust, excess mortar, oil or other loose particles. Cracks or honeycombs must be repaired with suitable cement mortar.

Dampen

All concrete and cement substrates must be saturated with clean water before applying Boscolastic waterproof coating, no freestanding water must be present during application.



Mixing

Empty liquid component in a clean mixing container, and slowly add the powder component whilst stirring using a slow speed (500-600 rpm) heavy-duty electric drill with a suitable paddle. Mix until homogenous slurry is obtained and make sure that no unmixed powder is left at the bottom of the container.

Curing

The finished Boscolastic waterproofing must be protected from rapid drying. Curing of Boscolastic shall be at least 24 hours before flood testing or shower test.

Cleaning

All tools, equipment and surrounding areas must be cleaned with water before the product sets. Hardened materials have to be mechanically removed.

Packaging

1. 15 Kg Liquid Component & 20 kg Powder Component
2. 1 Kg Liquid Component & 1.33 kg Powder Component

PERFORMANCE DATA	
FORM	GREY POWDER WHITE MILKY LIQUID
BINDER	CEMENT
EXTENDER	SELECTED FINE SILICA
RESIN	ACRYLIC POLYMER
ADHESION TO CONCRETE	>0.60 N / mm ²
TENSILE STRENGTH - ASTN D412 - 92	>2 N / mm ²
ELONGATION AT BREAK AST D412-92	approximate ~ 250%
CRACK BRIDGING	up to 2mm
HARDNESS SHORE A	>70
RESISTANCE TO WATER PENETRATION DIN 1048: PART 5	No penetration @ 0.2kgf/cm ² for 6 hours
WATER VAPOUR TRANSMISSION ASTN E-96-00	12g/m ² /day
POT LIFE 20°C (mixed)	45 mins to 1 hour
SET TO TOUCH 20°C	Within 2 hours
FINAL SET 20°C	4-6 hours

*Average laboratory values provided as a general guide
**Actual field performance will depend on installation and site conditions

Coverage
Approximately 17.0m² / 35 kg at 2 coats coverage, subject to substrate conditions and application efficiency.

Storage and Shelf Life
Boscolastic has a shelf life of at least 12 months. Store all materials in a cool, dry place in an elevated condition.

- Precaution**
- Never apply more than 4.0 kg/m² of Boscolastic in one single layer.
 - Never apply on substrates with bitumen and polyurethane coating finishes.
 - Apply only to clean, sound substrates (surfaces must be dampened but free of surface water).
 - Boscolastic is not a decorative treatment. This does not affect the quality of the coating in any way. Where a decorative finish is required, Boscolastic can be painted over with any approved protective and decorative coatings.

Health and Safety
Suitable protection clothing, dust masks, gloves and eye protection should be worn. Continual or extended contact with cement products can cause skin irritation. If skin irritation occurs, flush with water for 15 minutes. If irritation persists, consult medical advice.

DISCLAIMER:
The information in this Technical Data Sheet is intended for the assistance of users and is of a general nature. It reflects the extent of our knowledge and experience of our products and is based on tests which we believe to be reliable. However, no guarantee of accuracy can be given due to the wide range of surfaces, environmental and field conditions and variations encountered in raw materials, manufacturing equipment and methods at the place where the work is performed. Some of these will be beyond our knowledge and control. Users are asked to make sure that the TDS in their possession is the latest issue. Likewise, we recommend users carry out their own tests to determine the suitability of the product for their particular purposes.

Any claim for a defective product must be filed within 30 days of discovery of a problem and must be submitted with written proof of purchase. Claims are not transferrable or assignable and extend only to the original purchaser/user. Bostik reserves the right to inspect alleged failure and no responsibility will be accepted unless Bostik is given the opportunity to do so. Bostik limits its liability to the replacement of the product/s proven faulty.

BOSCOLASTIC TDS REV-02, 05 FEB 2020

PT BOSTIK INDONESIA
Atrium Setiabudi Building, 2nd floor, Suite 203 A
Jl. HR. Rasuna Said Kav. 62 Kuningan
Jakarta 12920, Indonesia
Phone : +62 21 521 0404
Fax : + 62 21 521 0554
www.bostik.com

an ARKEMA company

BOSTIK HOTLINE

Layanan Bantuan +62 21 521 0404

